

United States Department of Agriculture
Animal and Plant Health Inspection Service
Plant Protection & Quarantine
4700 River Road
Riverdale, MD 20737

Permit to Move Live Plant Pests, Noxious Weeds, and Soil
Interstate Movement
Regulated by 7 CFR 330

This permit was generated electronically via the ePermits system

PERMITTEE NAME:	Eric Flora	PERMIT NUMBER:	P526P-18-00285
ORGANIZATION:	Crop Enhancement	APPLICATION NUMBER:	P526-180814-009
ADDRESS:	2186 Bering Drive San Jose, CA 95131-2013	FACILITY NUMBER:	N/A
MAILING ADDRESS:	2186 Bering Drive San Jose, CA 95131-2013	HAND CARRY:	Yes
PHONE:	805-295-1858	DATE ISSUED:	09/10/2018
FAX:		EXPIRES:	01/25/2021
DESTINATION:	Crop Enhancement, 2186 Bering Drive, San Jose, CA 95131-2013		
RELEASE:	Crop Enhancement, 2186 Bering Drive, San Jose, CA 95131-2013, (County: Santa Clara)		

Under the conditions specified, this permit authorizes the following:

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Agrotis ipsilon	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Aphis gossypii	Any	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Brevicoryne brassicae	Any	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	
Cydia pomonella	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Frankliniella occidentalis	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Grapholita molesta	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Helicoverpa zea	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Heliothis virescens	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.	
Macrosiphum euphorbiae	Any	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	

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THIS PERMIT HAS BEEN APPROVED ELECTRONICALLY BY THE FOLLOWING
PPQ HEADQUARTER OFFICIAL VIA EPERMITS.

Carlos A. Blanco
Carlos Blanco

DATE

09/10/2018

WARNING: Any alteration, forgery or unauthorized use of this Federal Form is subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b)) or punishable by a fine of not more than \$10,000, or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001)

Myzus persicae	Any	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.
Plutella xylostella	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.
Spodoptera exigua	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.
Spodoptera frugiperda	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.
Tetranychus urticae	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.
Trialeurodes vaporariorum	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.
Trichoplusia ni	Any	Research - Field	Continental U.S.	Originally Collected from Within the Continental U.S.


DENIED ORGANISM(S)

<u>Regulated Article</u>	<u>Life Stage(s)</u>	<u>Intended Use</u>	<u>Shipment Origins</u>	<u>Originally Collected</u>	<u>Culture Designation</u>
Aphis glycines	Any	Research - Greenhouse (growth chamber and lab included)	Continental U.S.	Originally Collected from Within the Continental U.S.	

PERMIT CONDITIONS

- This permit authorizes Dr. Eric Flora, Crop Enhancement, 2186 Bering Drive, San Jose, CA, to move the above described regulated pests from the continental United States for laboratory and greenhouse research at the above address, and field research in Santa Clara County, California. These conditions must be followed:
- The permit holder must:
 - comply with all requirements and permit conditions,
 - maintain a valid permit so long as the regulated organisms are alive,
 - not assign or transfer this permit to other persons,
 - be a resident of the United States
 - safeguard and dispose of the regulated organisms during the term of this permit,
 - take all necessary precautions to prevent the unauthorized release of regulated organisms. In the event of an unauthorized release, the permit holder must notify the permit unit,
 - adequately mitigate environmental impacts resulting from unauthorized release of regulated organisms,
 - contain any/all organisms not authorized under this permit,
 - notify the permit unit of the receipt of unauthorized organisms,
 - notify the permit unit if facilities are destroyed or decommissioned for any reason,
 - maintain an official permanent work assignment at the address on this permit,

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- (l) notify the permit unit in advance of any change in the permit holder's work assignment,
- (m) destroy all regulated organisms prior to departure from the organization unless other arrangements are confirmed by the permit unit prior to parting, and
- (n) notify the permit unit of the destruction of regulated organisms.

Notifications to the permit unit must be made via 866-524-5421 or pest.permits@aphis.usda.gov within one business day of the event triggering a notification.


3. There is to be no further distribution of these organisms without prior approval from State and Federal regulatory officials. A valid permit is required for movement of the regulated materials.
4. Any alteration, forgery or unauthorized use of this permit and associated Federal Forms are subject to civil penalties of up to \$250,000 (7 U.S.C.s 7734(b) or imprisonment of not more than 5 years, or both (18 U.S.C.s 1001).
5. Regulated organisms must be shipped / carried in sturdy, escape-proof containers.
6. A copy of this permit must accompany all shipments.

A copy of this permit must accompany all hand carrying events.

7. The permit holder or their designees are authorized to transport samples and organisms in enclosed motor vehicles (i.e. no motorcycles or open-bed trucks). If stopped by law enforcement and requested to relinquish the organisms, then the permit holder must provide a copy of this permit and all conditions. Confiscated organisms must be safeguarded prior to return to the permit holder. Shipping/handling costs associated with the movement of confiscated packages are the responsibility of the permit holder. Shipments carried in vehicles must meet all packaging requirements. Any accidents during transport that compromise the security of shipment packaging must be immediately reported to the USDA via: pest.permits@aphis.usda.gov . Include the permit number and ATTN: CA Blanco in the subject line, and describe the efforts taken to contain the pests.
8. The permit holder, and any individuals authorized by the permit holder, may transport the regulated organisms intrastate to field release locations in motor vehicles. A copy of this permit should accompany the vehicular movement of the organisms.
9. All persons working with these organisms must be informed of these permit conditions. Anyone working with these organisms must agree to and sign/ initial these conditions before beginning work. These signed conditions do not need to be submitted to USDA/ APHIS but must be readily accessible in the event of an inspection and presented upon request.

Note: these conditions may be copied and stored electronically for electronic signature and initialing provided that the permit number, authorized organisms and life stages, release locations if applicable, and authorization statement all appear on the document with the permit number. Signing these conditions only indicates that the person working under this permit has read them;

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the permit holder is the sole responsible party under this permit.

10. This permit only covers the listed arthropods. Work with plant diseases that these arthropods may transmit originating from outside of the destination state requires a separate permit.
11. This permit authorizes the interstate movement from colonies that originated in the continental United States. Colonies that originated from foreign countries, from US territories, or Hawaii require a separate permit.
12. Receipt and research with *Helicoverpa zea*, *Heliothis virescens* and *Spodoptera frugiperda* known to be, or putatively resistant to *Bacillus thuringiensis* require a separate PPQ 526 permit.

FIELD RELEASE of Bt-resistant or putatively Bt-resistant *Helicoverpa zea*, *Heliothis virescens*, or *Spodoptera frugiperda* IS NOT AUTHORIZED.

13. Without prior notice and during reasonable hours, authorized PPQ and/or State regulatory officials must be allowed to inspect the conditions associated with the regulated organisms authorized under this permit.

END OF PERMIT CONDITIONS

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